



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Saturday, September 8, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Today

- Areas of heavy rain/flash flooding possible from AR across N LA into NE/Central/SW TX.

Sunday

- Areas of heavy rain/flash flooding possible for South-Central/S/SE TX into LA.

Monday

- Isolated areas of heavy rain/flash flooding possible along/near the TX/LA coasts.

Tuesday - Wednesday

- No significant weather impacts.

Tropical Outlook

- Tropical Storm Florence is currently about 840 miles SE of Bermuda. Florence is expected to become a hurricane again by Sunday and a major hurricane early next week. Impacts to FEMA Region 6 are unlikely but there is the potential for impacts to the US East Coast mid to late next week.
- Tropical Depression Nine is expected to become Tropical Storm Isaac later today over the Eastern Atlantic and will move westward and likely become a hurricane as it approaches the Lesser Antilles by mid next week.
- Tropical Storm Helene in the Eastern Atlantic will move slowly westward and become a hurricane by tomorrow and then a turn to the west-northwest and northwest is forecast by mid to late next week.

FEMA Region 6 Threat Matrix

Sept 8, 2018 – Sept 12, 2018



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DAY / THREAT	SAT	SUN	MON	TUE	WED
Severe Storms					
Heavy Rain / Flash Flooding	AR, N LA, NE/Central/SW TX	S-Central/S/SE TX into LA	TX/LA coasts		
Fire Weather					
Tropical Weather					
River Flooding	AR/TX	AR/TX	AR/TX		

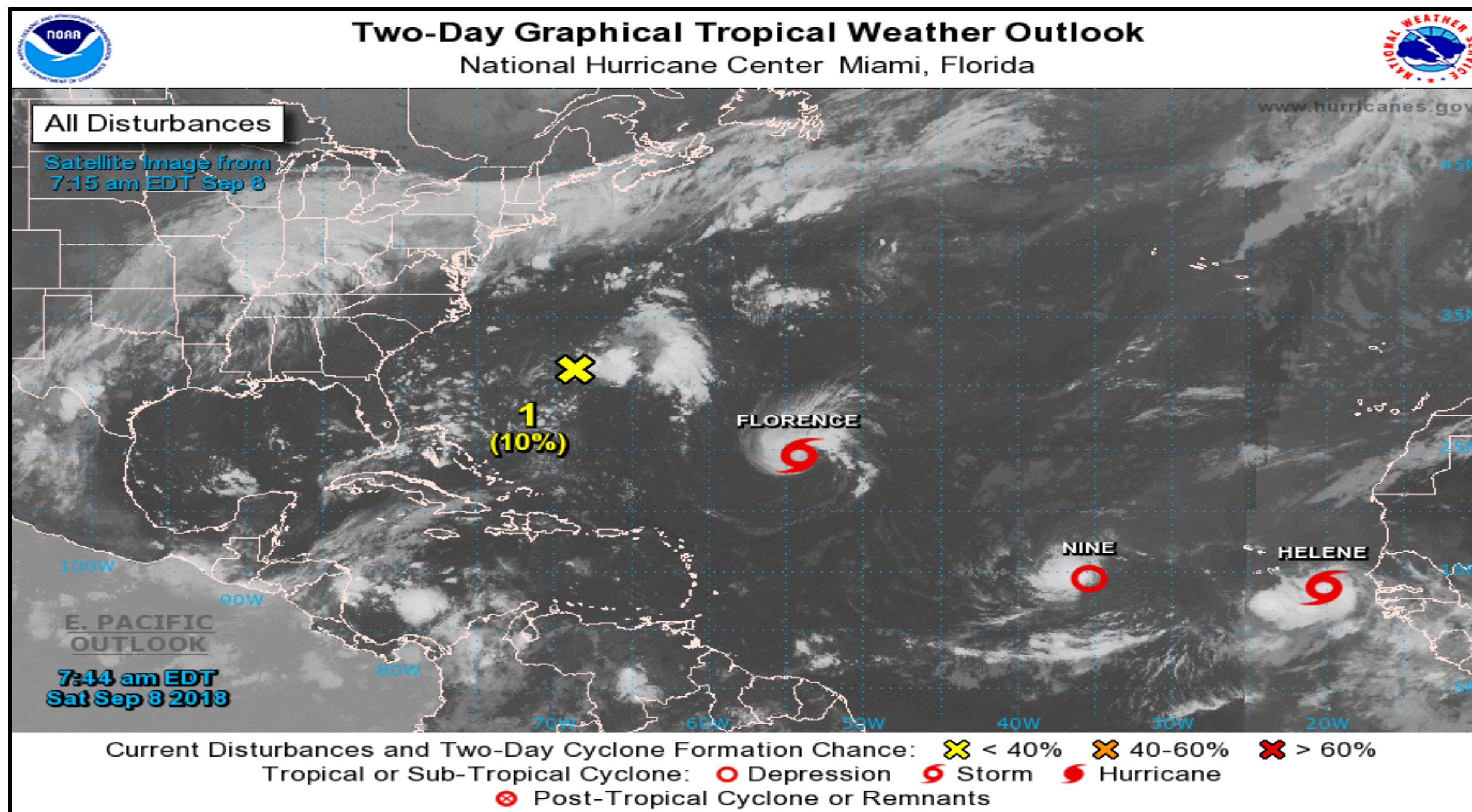
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

Tropical Weather Outlook – Atlantic/Gulf



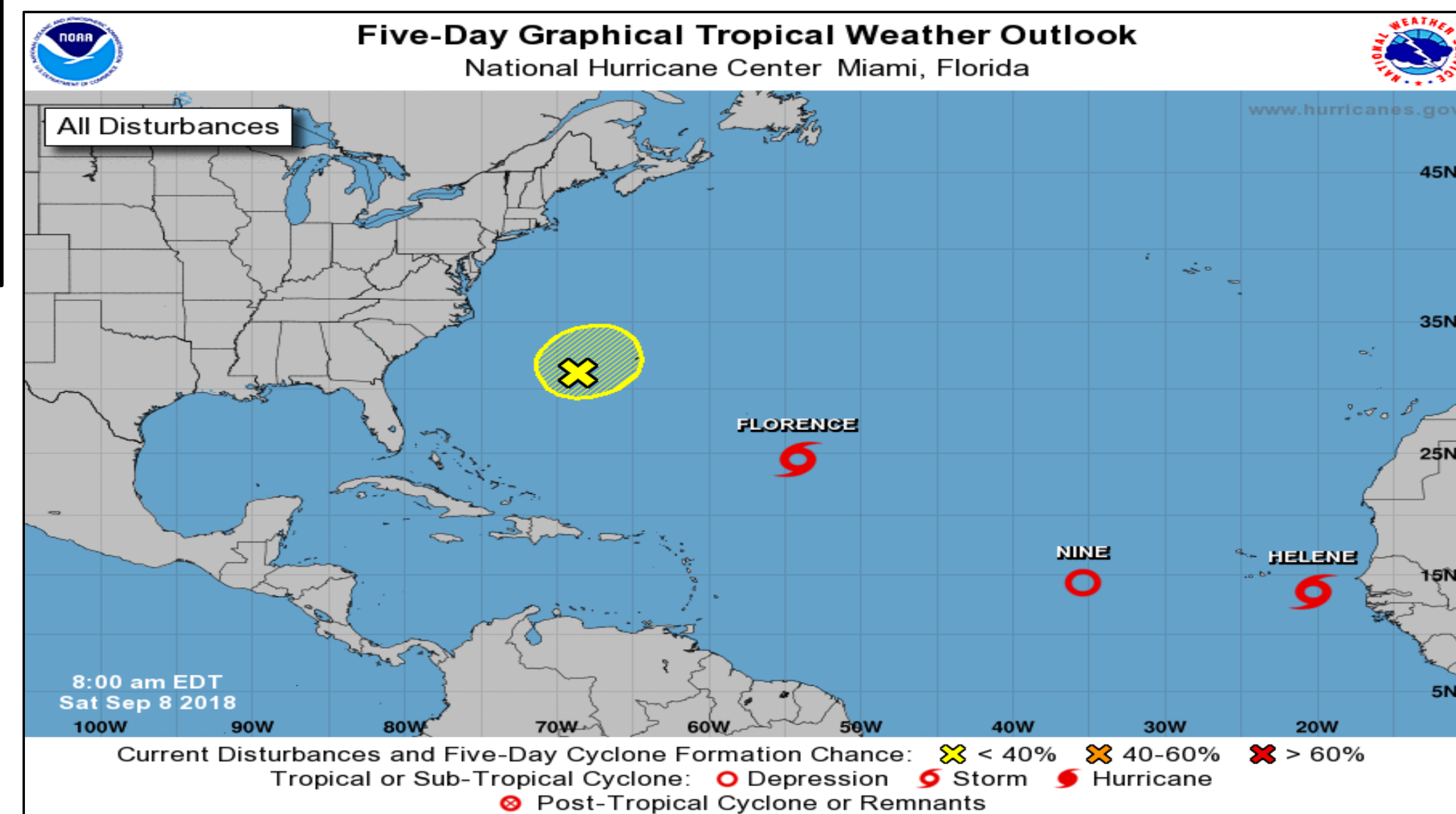
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See next slides for more information on Florence, Tropical Depression Nine and Helene.

A trough of low pressure is generating disorganized showers over the western Atlantic near Bermuda. Development of this system, if any, should be slow to occur before environmental conditions become unfavorable in a couple of days.

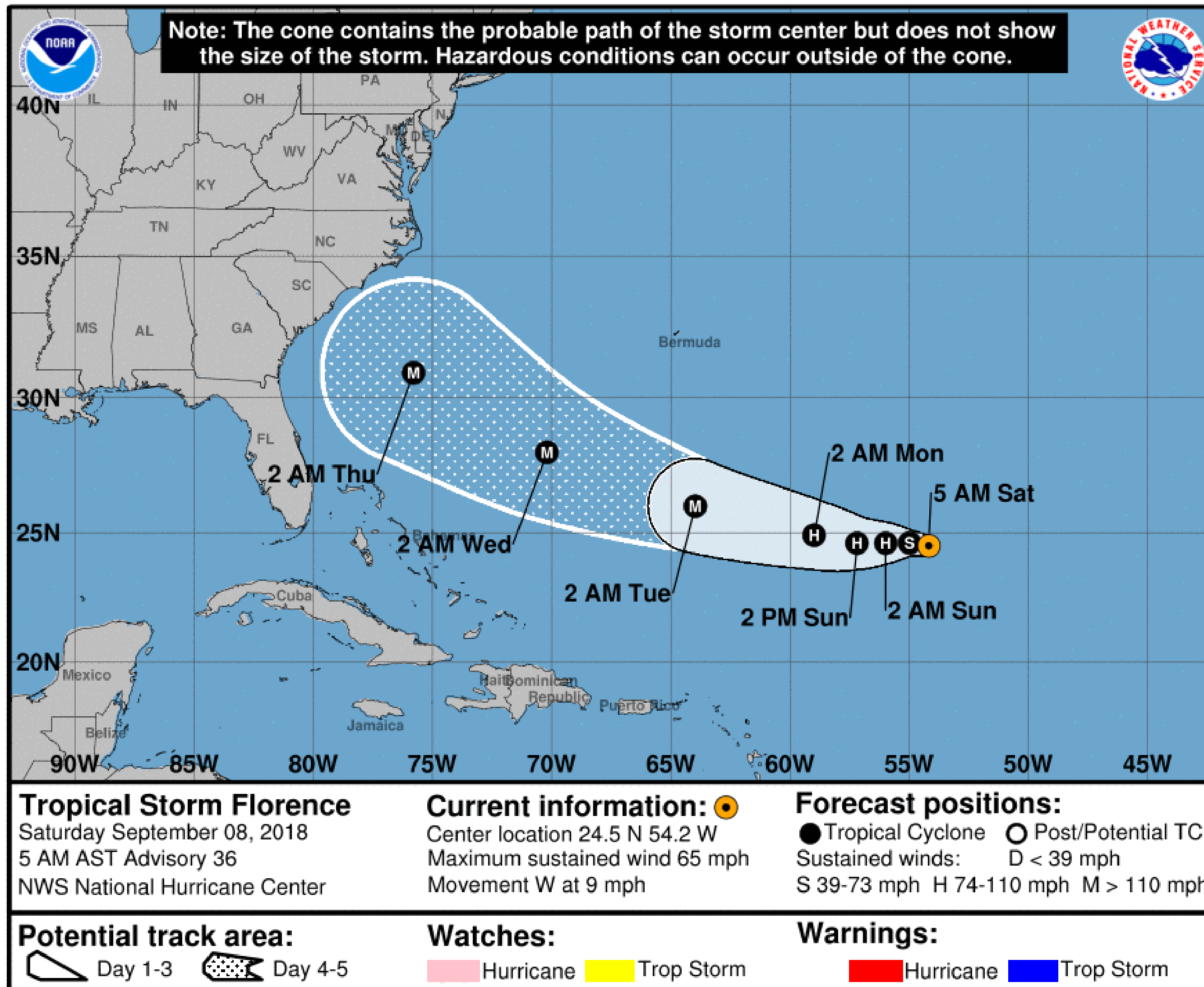
Formation chance through 48 hours...low...10%
Formation chance through 5 days...low...10%



Florence



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Florence is moving toward the west near 9 mph (14 km/h), and this general motion is expected to continue for the next couple days. A west-northwestward motion with an increase in forward speed is expected by early next week and continue into middle part of next week.

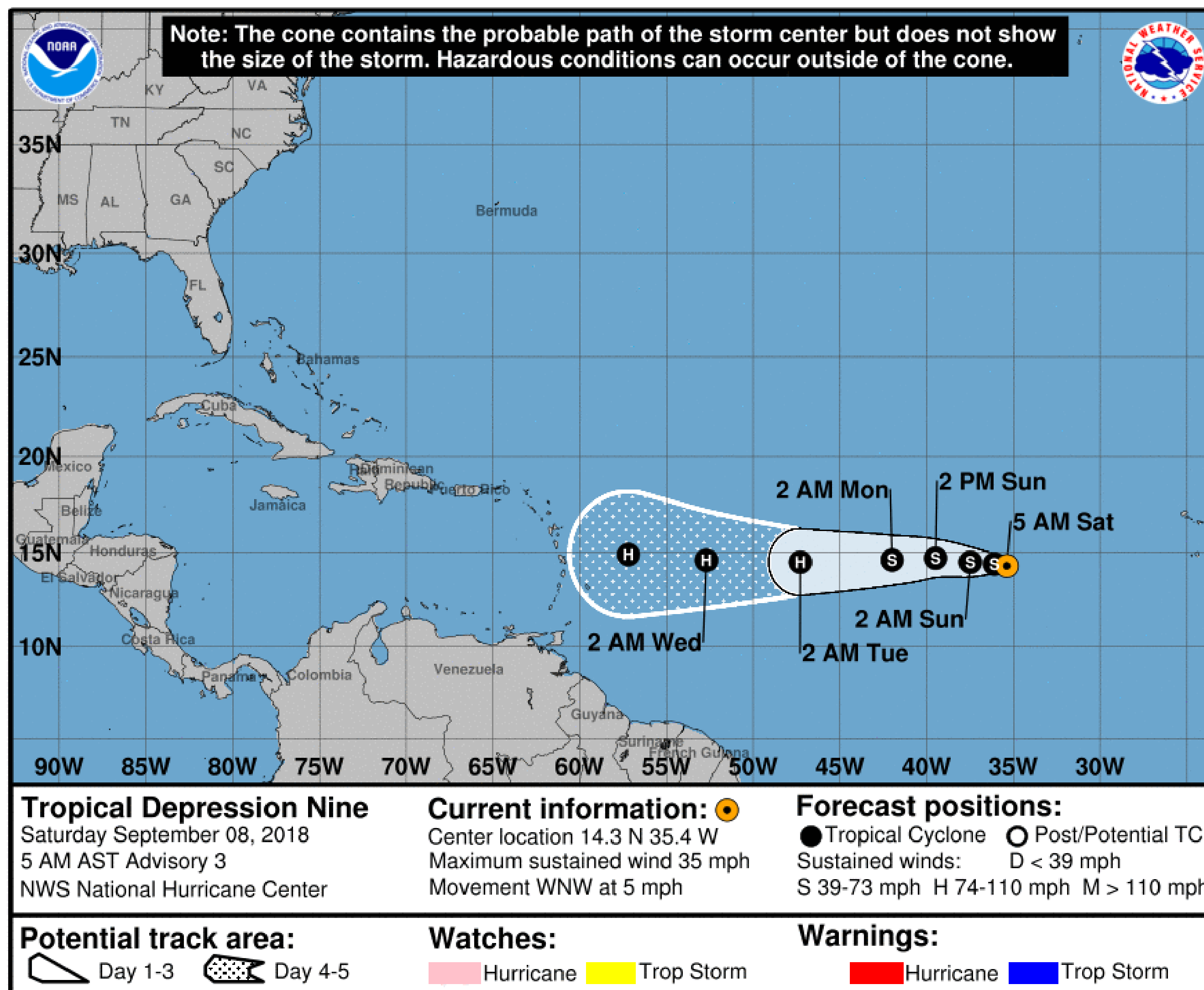
Maximum sustained winds are near 65 mph (100 km/h) with higher gusts. Gradual restrengthening is forecast over the weekend, and Florence is expected to become a hurricane again by Sunday and a major hurricane early next week.

Impacts to FEMA Region 6 are unlikely.
There is still very large uncertainty in model forecasts of Florence's track beyond day 5, making it too soon to determine exact location, magnitude, and timing of any impacts to the US East Coast.

Tropical Depression Nine → Isaac



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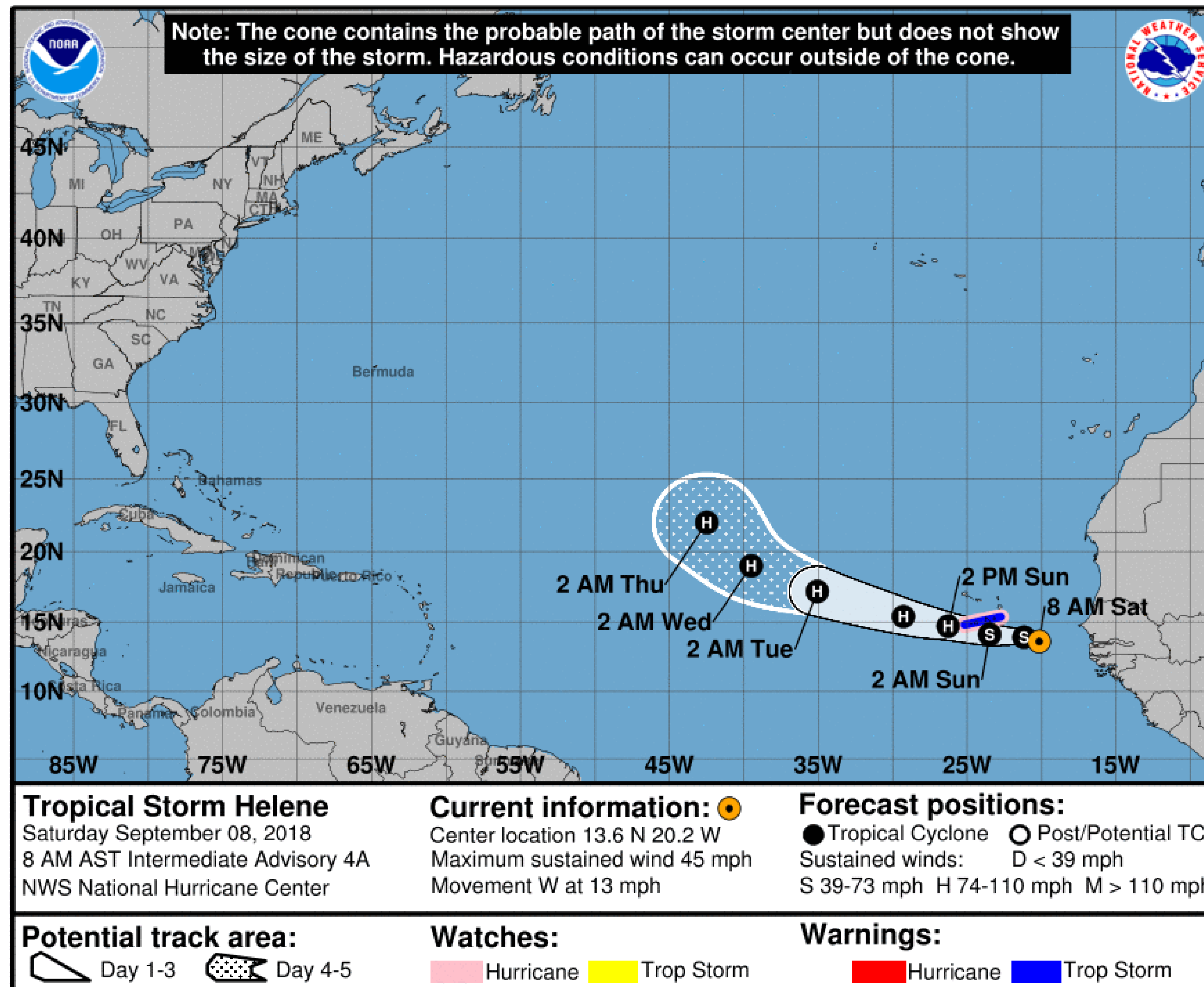
Tropical Depression Nine is moving toward the west-northwest near 5 mph (7 km/h). A turn toward the west is expected later today, and that general motion at a slightly faster forward speed is forecast to continue through the weekend and into early next week.

Maximum sustained winds are near 35 mph (55 km/h) with higher gusts. Gradual strengthening is forecast during the next few days, and the depression is expected to become Tropical Storm Isaac later today and become a hurricane by early next week.

Helene



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Helene is moving toward the west near 13 mph (20 km/h). This general motion will likely continue through the weekend. A gradual turn toward the west-northwest with an increase in forward speed is expected early next week. On the forecast track, Helene will pass very close to the southern Cabo Verde Islands tonight and early Sunday.

Maximum sustained winds are near 45 mph (75 km/h) with higher gusts. Additional strengthening is forecast for the next couple of days, and Helene is expected to become a hurricane on Sunday.

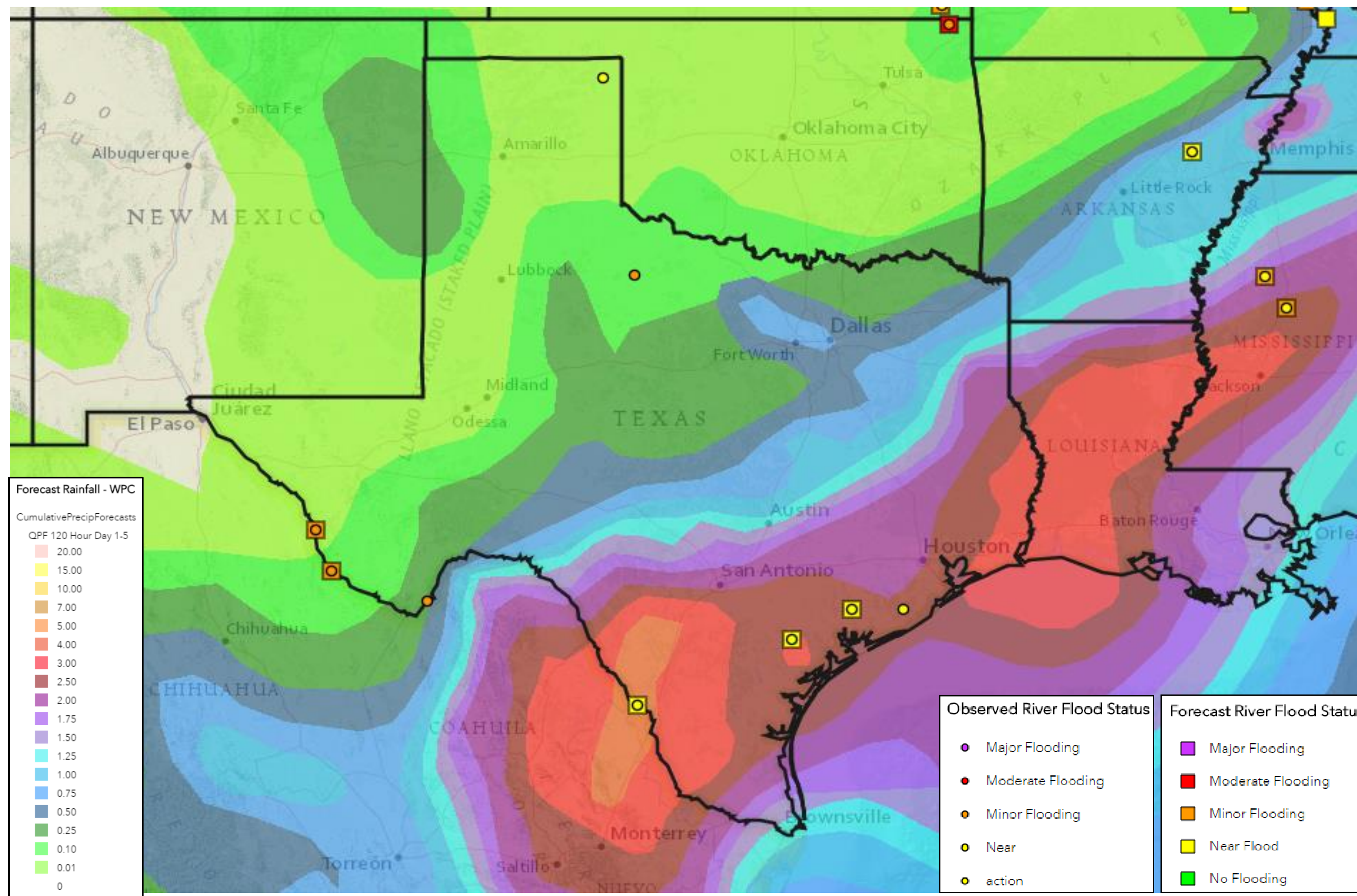
5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

Minor flooding possible for some rivers in TX and AR.

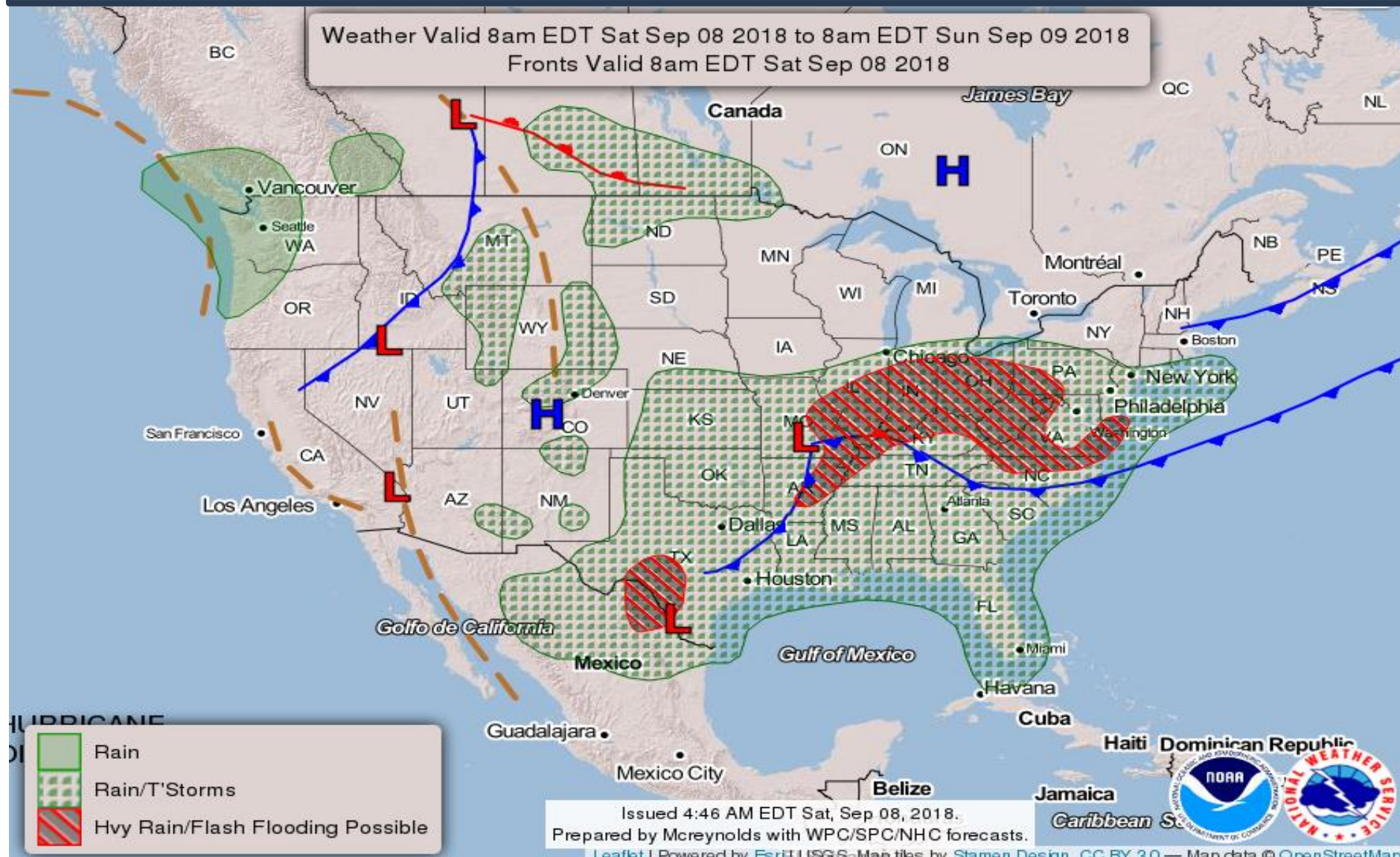


Today's Weather

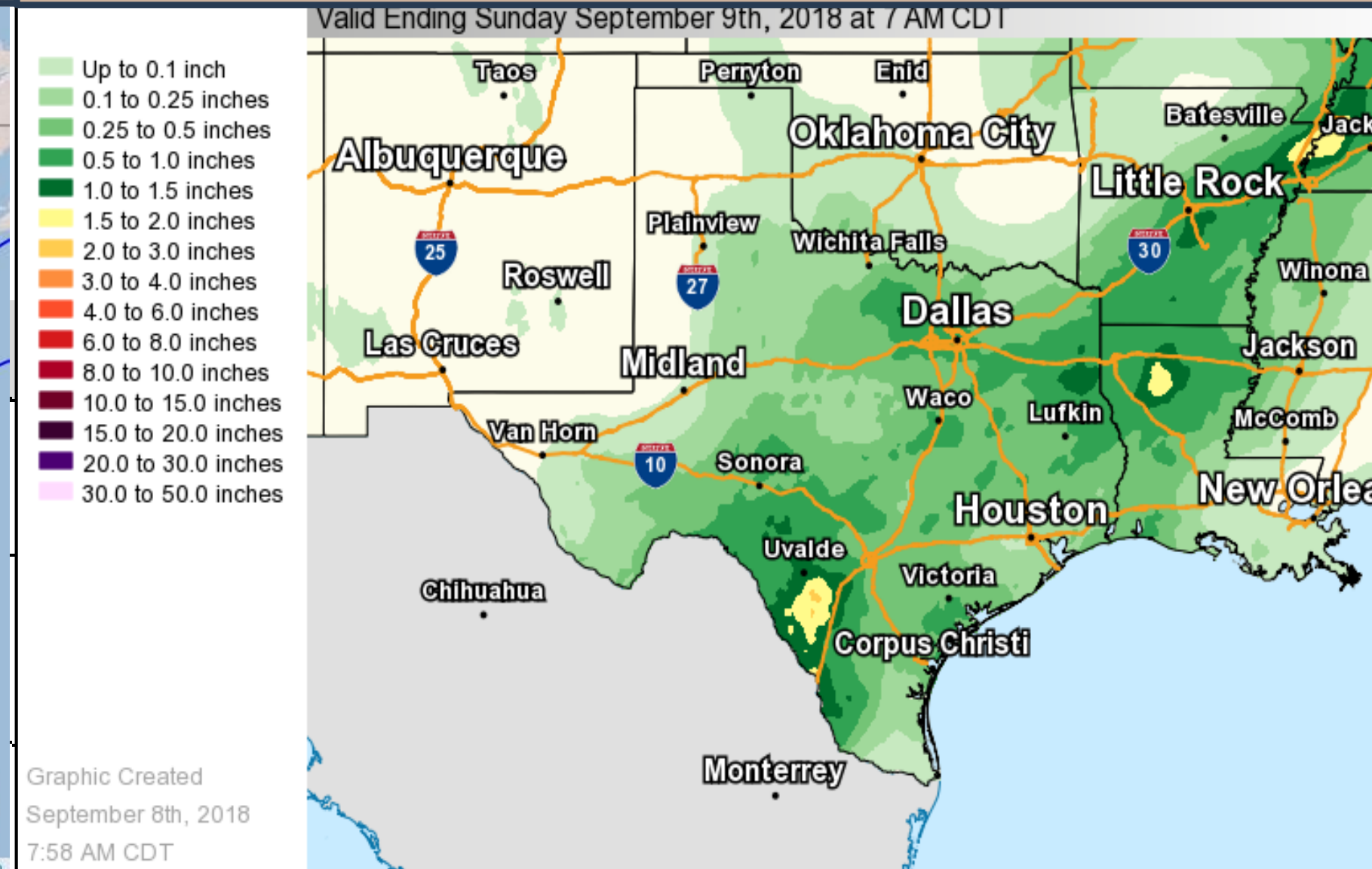


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Forecast Chart

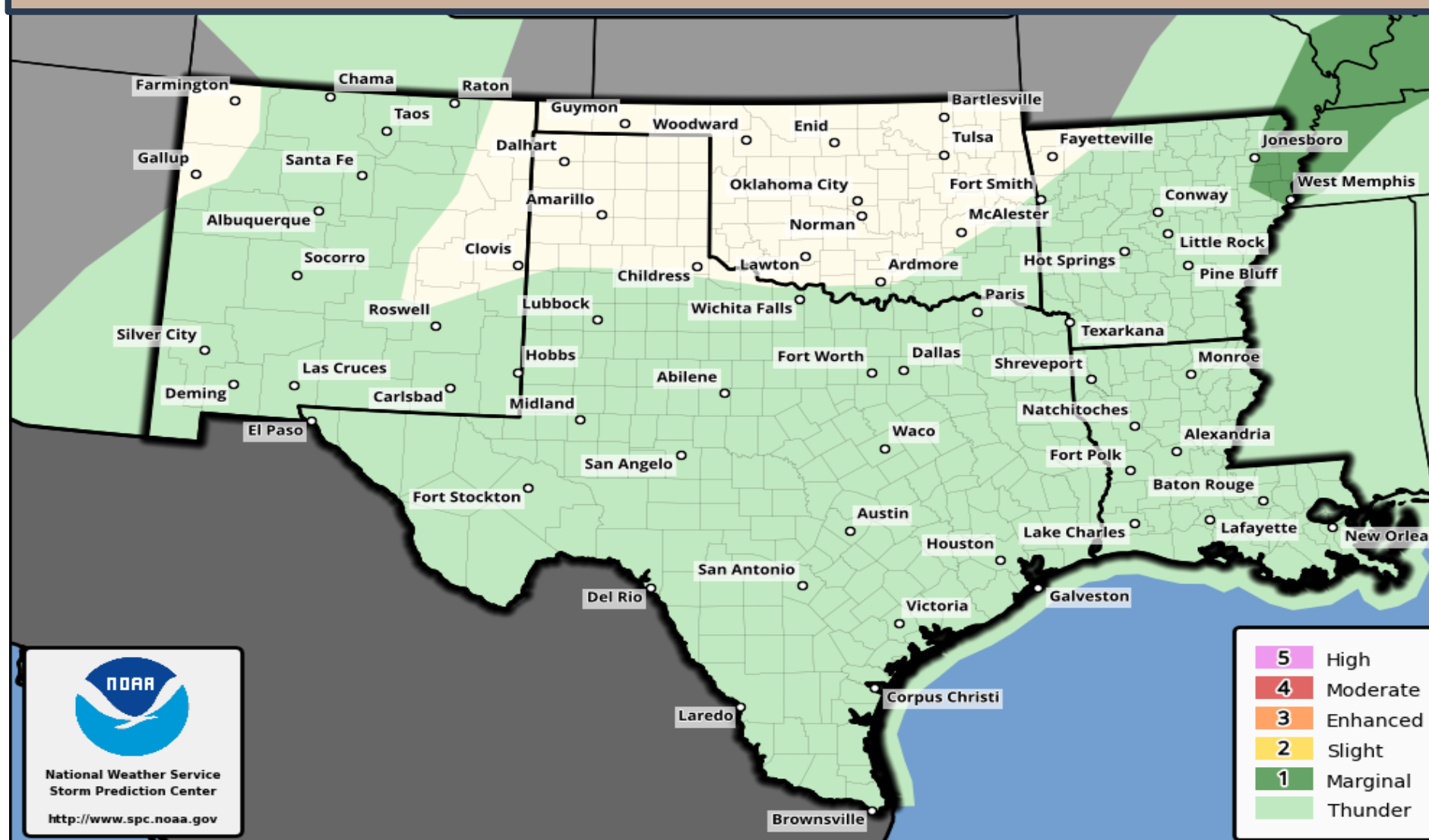


Forecast Rainfall

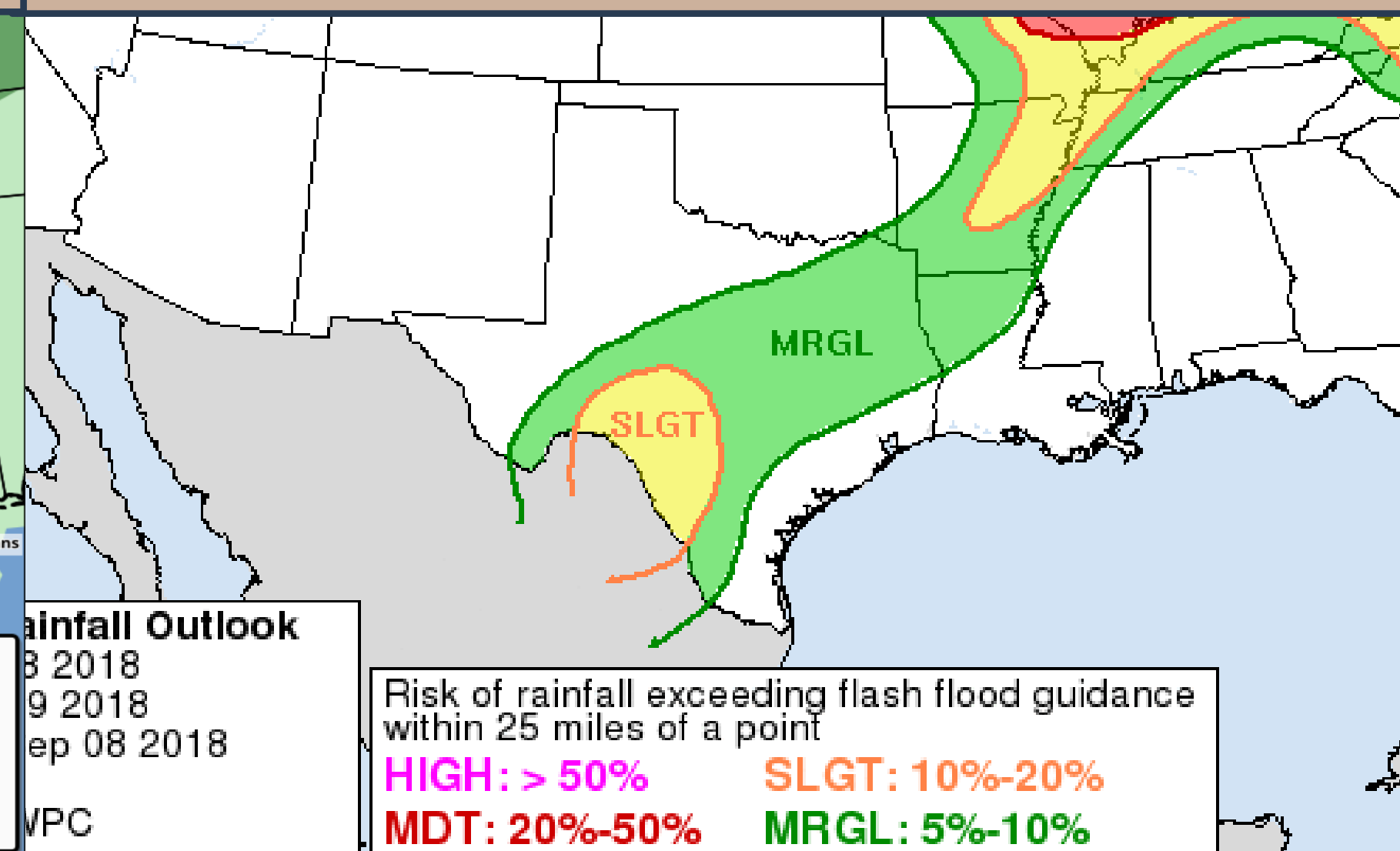


**Areas of heavy rain/flash
flooding possible from AR
across N LA into
NE/Central/SW TX.**

Severe Weather Outlook



Excessive Rainfall Outlook



Watches, Warnings, and Advisories



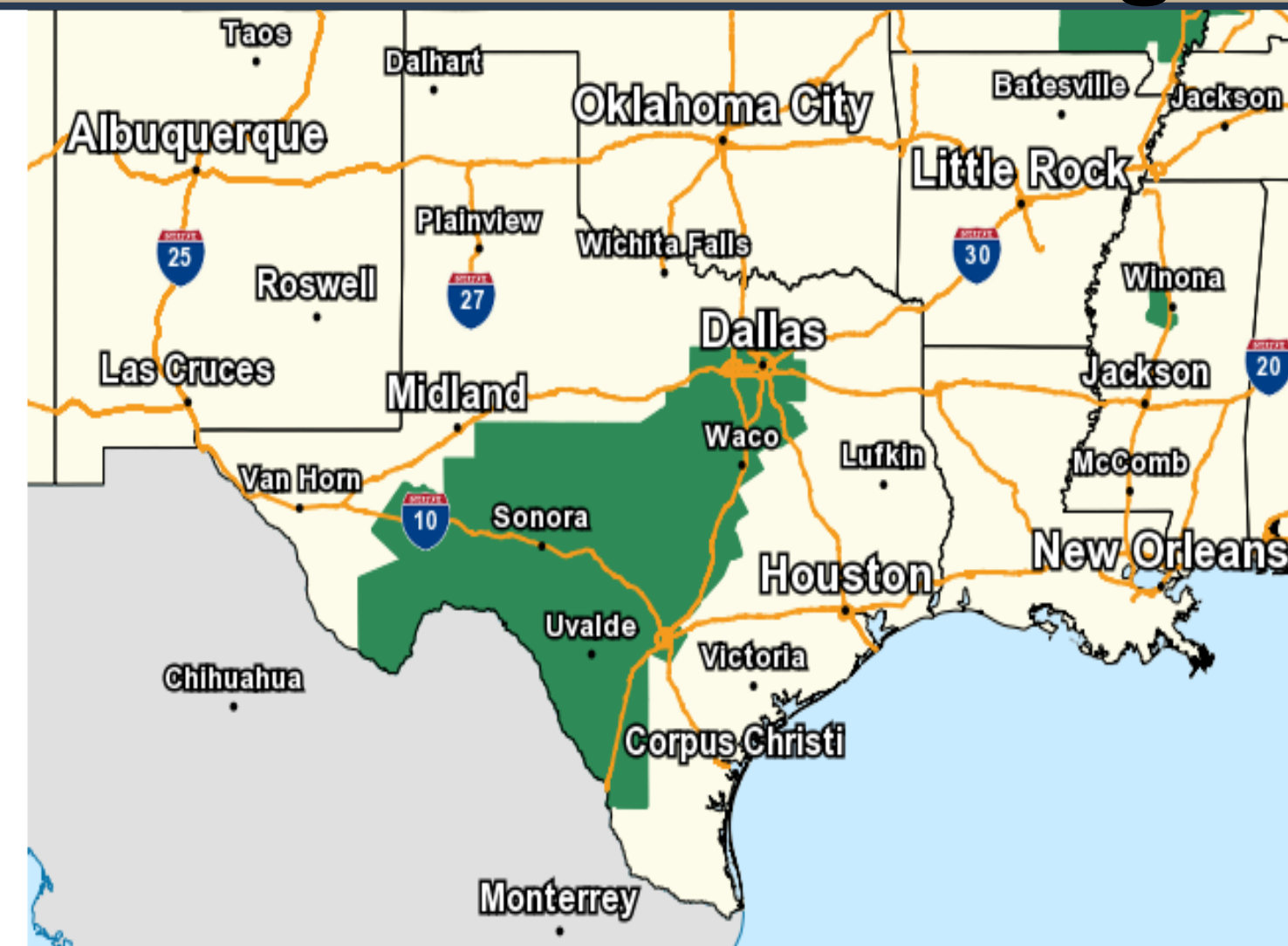
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Fire Weather



Graphic Created

Severe Weather & Flooding



Graphic Created

Flash flood watches are in effect through late this afternoon or evening from north-central into central and southwest TX.

Strong & Gusty Winds



Graphic Created

Winter Weather



Graphic Created

Tomorrow's Weather

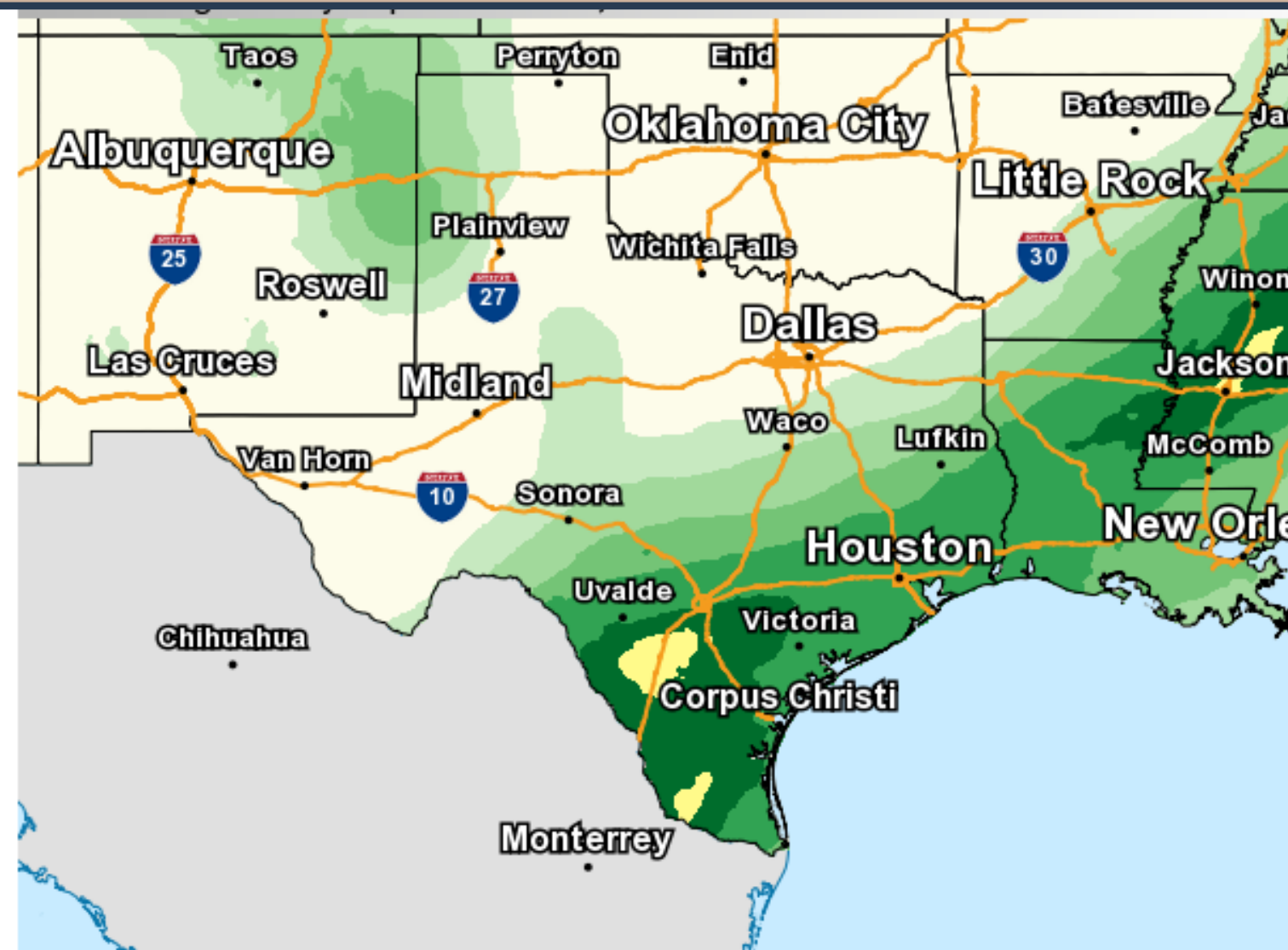
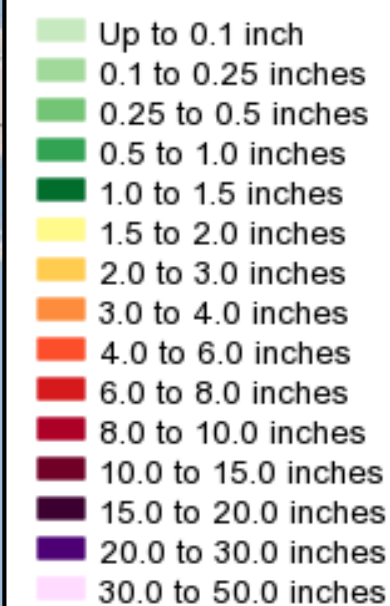
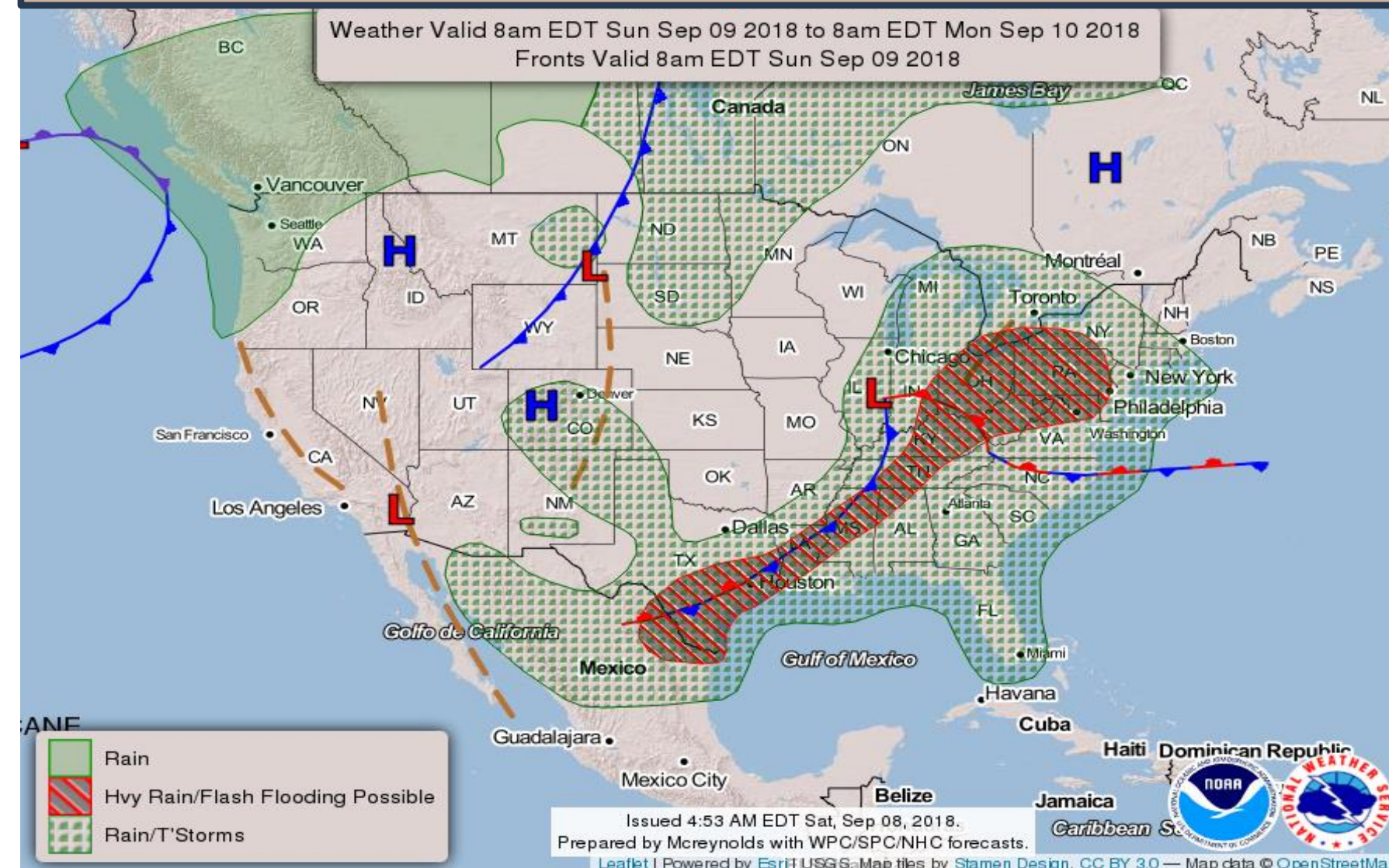


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Forecast Chart

Forecast Rainfall

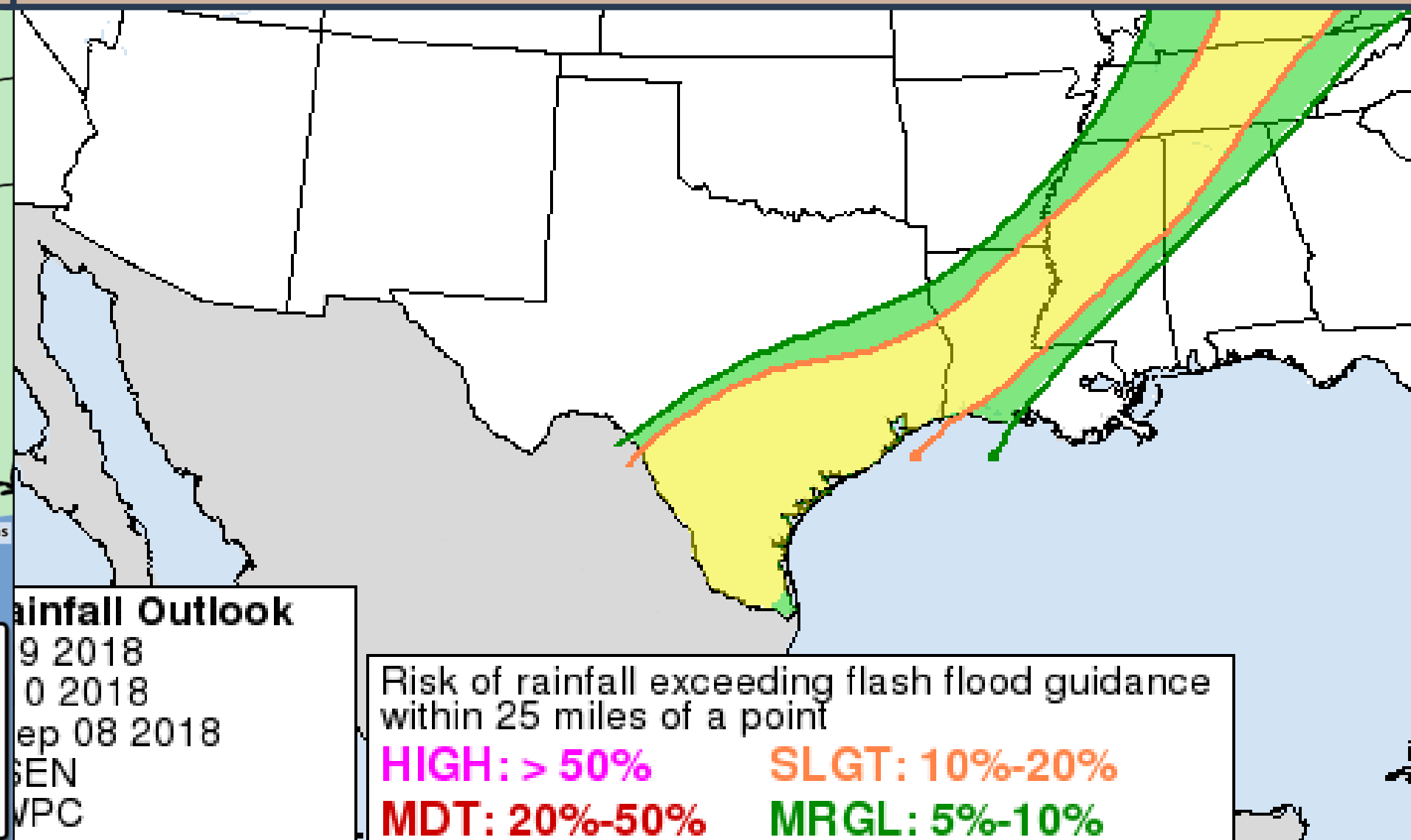
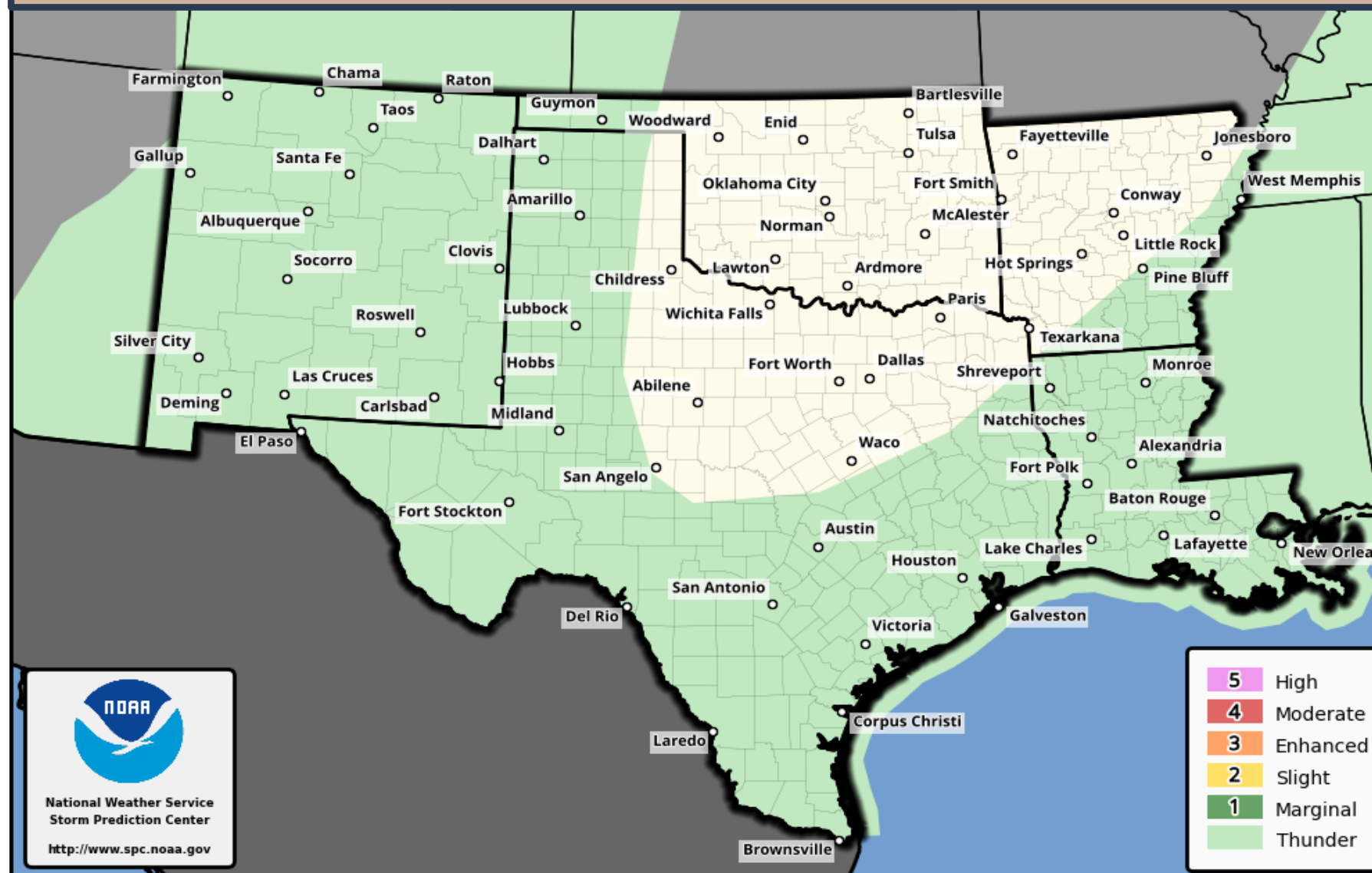
**Areas of heavy rain/flash
flooding possible for
South-Central/S/SE TX
into LA.**



Graphic Created
September 8th, 2018
7:59 AM CDT

Severe Weather Outlook

Excessive Rainfall Outlook

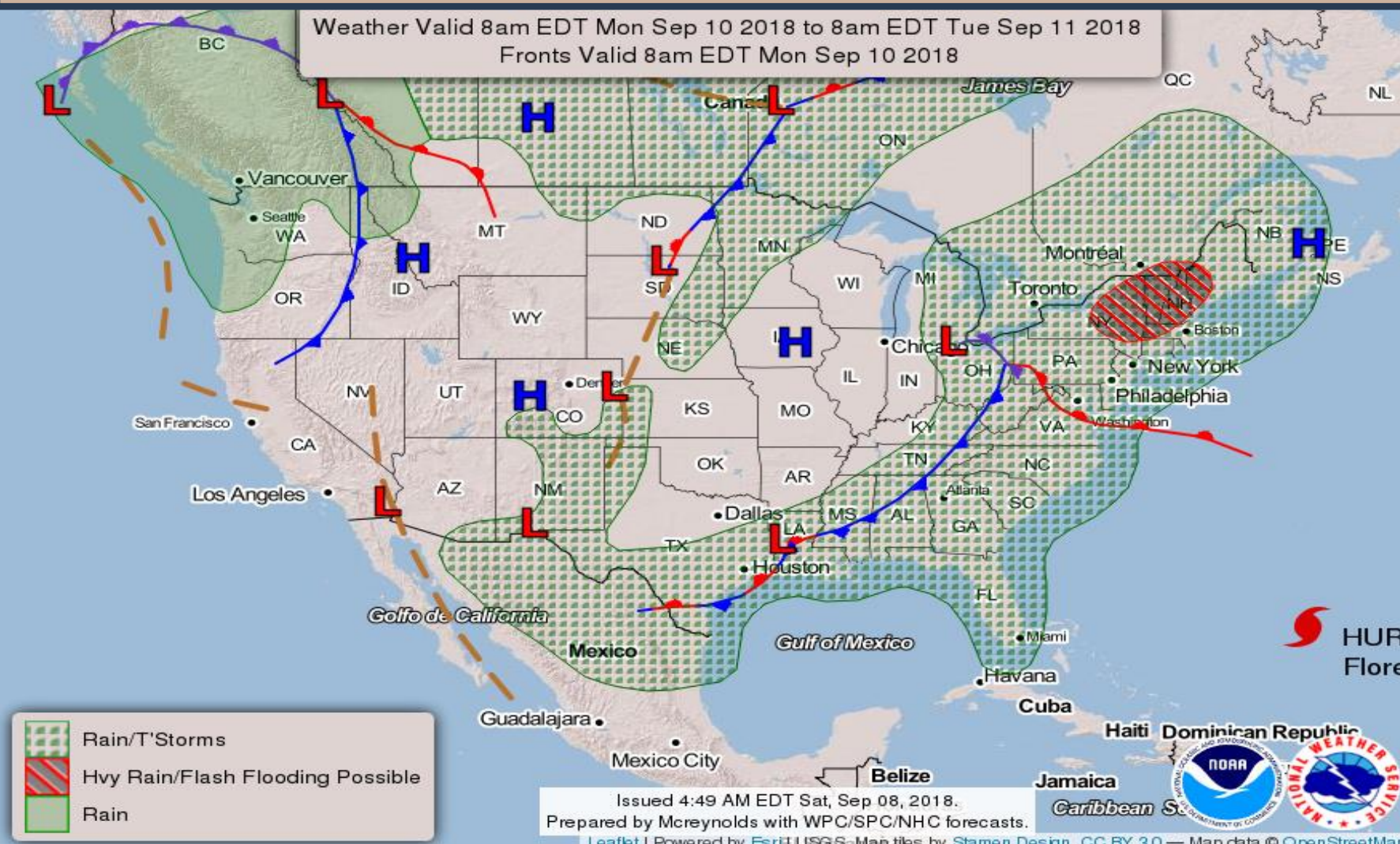


Monday's Weather



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Forecast Chart

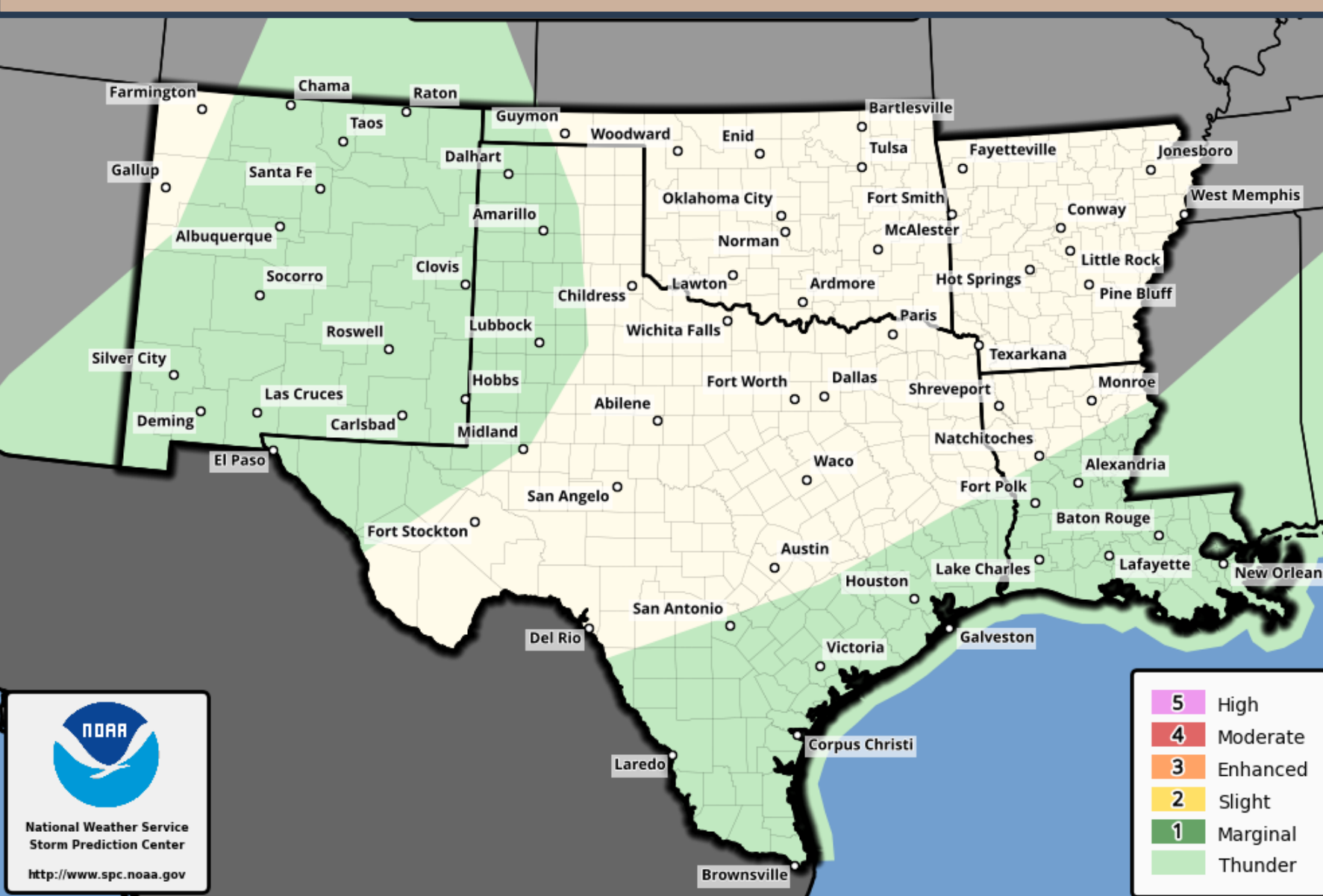


Forecast Rainfall

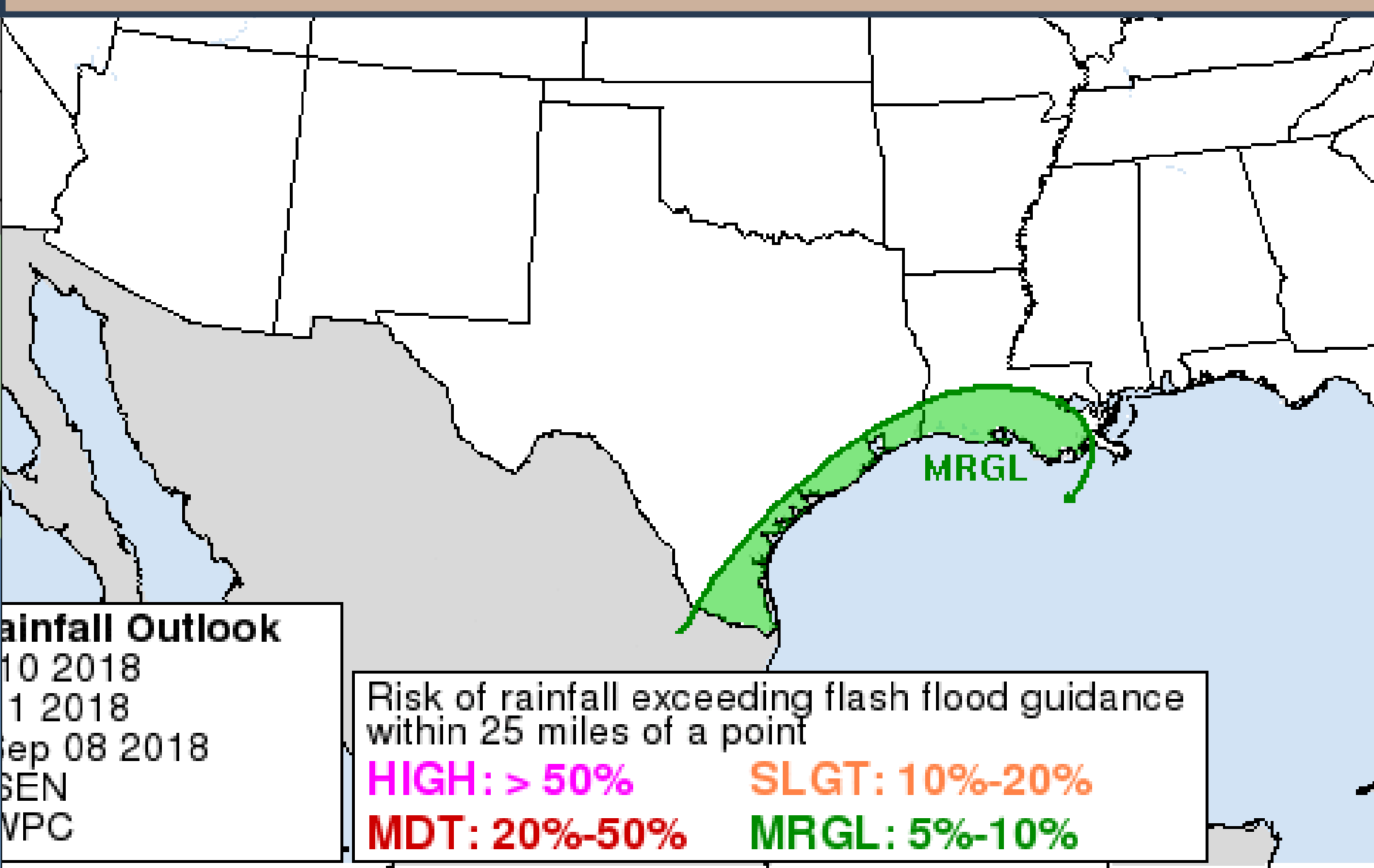


Isolated areas of heavy
rain/flash flooding possible
along/near the TX/LA coasts.

Severe Weather Outlook



Excessive Rainfall Outlook

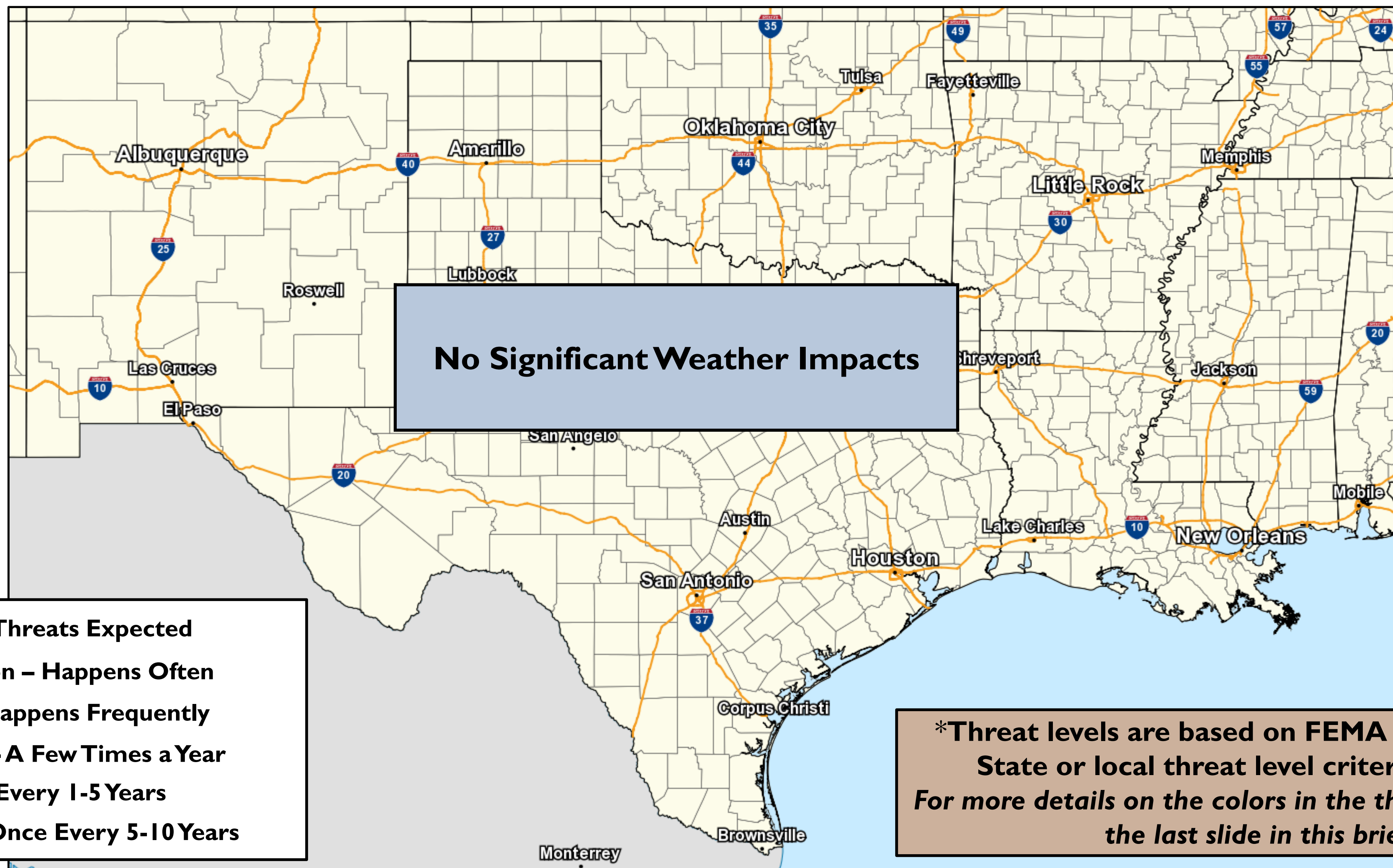


Days 4-5 Weather Hazards

Tuesday - Wednesday



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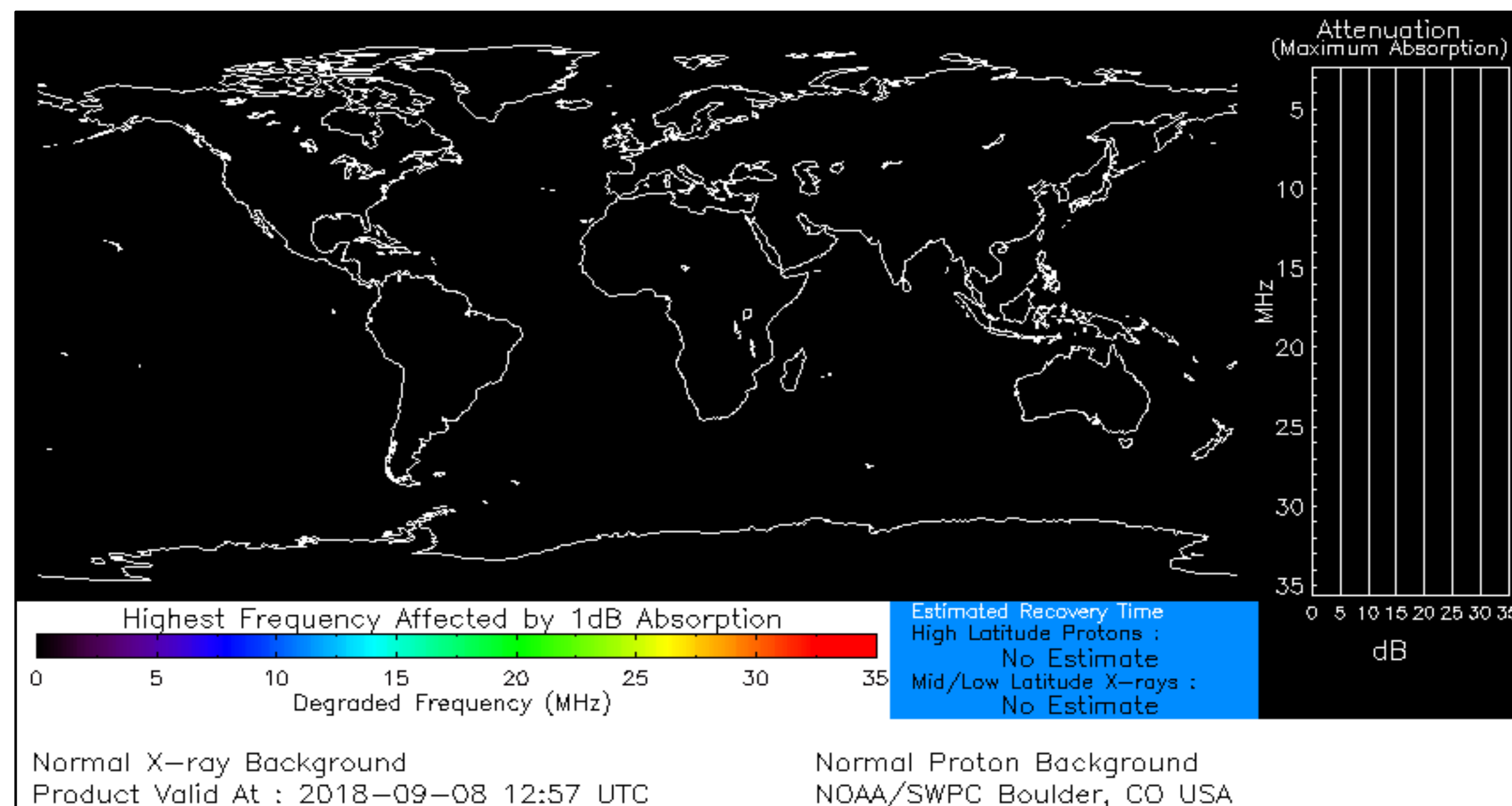


Space Weather 3-Day Forecast



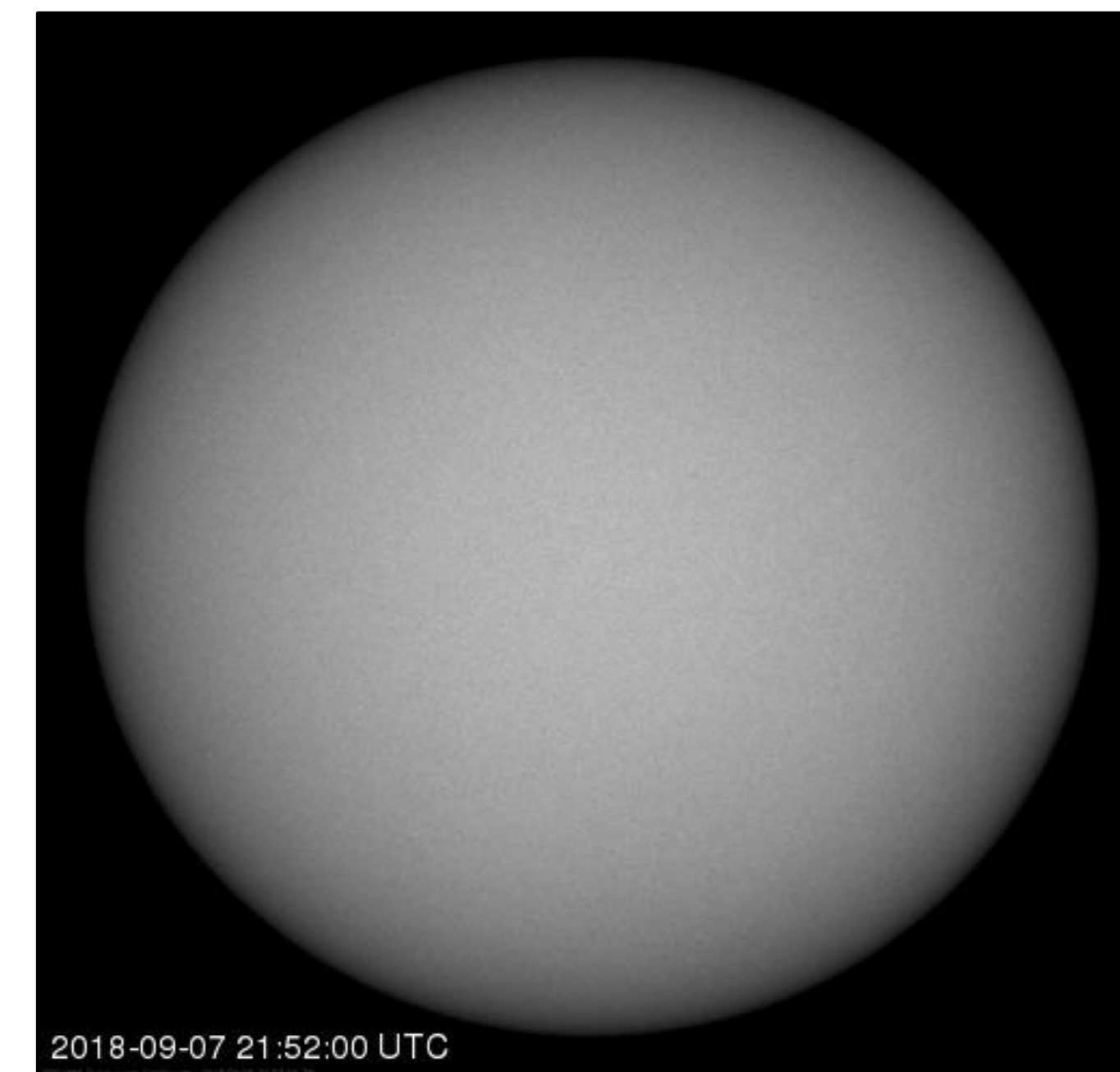
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	Saturday	Sunday	Monday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



2018-09-07 21:52:00 UTC



For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov